

## EAST Search History

| Ref # | Hits   | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--------------------|------------------|---------|------------------|
| L1    | 248023 | (polariz\$ and nanotub\$ and laser and transverse or orthogonal\$)            | US-PGPUB;<br>USPAT | OR               | ON      | 2007/10/26 11:39 |
| L2    | 3      | (polariz\$ and nanotub\$ and laser and (transverse or orthogonal\$)).<br>clm. | US-PGPUB;<br>USPAT | OR               | ON      | 2007/10/26 11:39 |

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|-------|--------|---|---|------------------|---------|------------------|
| L1    | 248023 | (polariz\$ and nanotub\$ and laser and transverse or orthogonal\$)            | US-PGPUB;<br>USPAT  | OR               | ON      | 2007/10/26 11:39 |
| L2    | 3      | (polariz\$ and nanotub\$ and laser and (transverse or orthogonal\$)).<br>clm. | US-PGPUB;<br>USPAT  | OR               | ON      | 2007/10/26 11:39 |
| S1    | 1633   | polariz\$ and nanotub\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/26 11:38 |
| S2    | 430612 | laser and (direction or orientation or alignment)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/16 09:31 |
| S3    | 2142   | nanotub\$ with (direction or orientation or alignment)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/16 09:31 |
| S4    | 267    | S1 and S2 and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/25 18:49 |
| S5    | 97750  | "356"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/16 11:00 |
| S6    | 1      | S4 and S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/16 10:59 |
| S7    | 32     | S1 and S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/16 12:54 |

## EAST Search History

|     |      |                              |   |    |     |                  |
|-----|------|------------------------------|---|----|-----|------------------|
| S8  | 2    | ("20060066871").PN.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/16 13:57 |
| S9  | 39   | (yuegang and zhang).in.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/16 18:35 |
| S10 | 39   | (yuegang and zhang).in.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/16 18:35 |
| S11 | 5    | S10 and polariz\$            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/16 19:06 |
| S12 | 0    | 356/364,138,139.05,432       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/16 19:09 |
| S13 | 3666 | 356/364,138,139.05,432.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/25 18:49 |
| S14 | 2258 | 356/364,138,139.05.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/16 19:09 |
| S15 | 2012 | polariz\$ and nanotub\$      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/25 18:49 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S16 | 461966 | laser and (direction or orientation or alignment)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/25 18:49 |
| S17 | 2560   | nanotub\$ with (direction or orientation or alignment) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/25 18:49 |
| S18 | 299    | S15 and S16 and S17                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/25 18:49 |
| S19 | 3778   | 356/364,138,139.05,432.ccls.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/25 18:49 |